TOSHIBA

Satellite® A75 Series

Feature Model(s):

Part Numbers

Satellite A75-S2762 — **PSA70U-005005**

Mobile P4 538 (3.20GHz)/15.4"WXGA/512MB/80GB/DVD-SuperMulti/Mdm/LAN/Wi-Fibg/WinXP Pro

Product Highlights

Performance
- Mobile Intel® Pentium® 4 Processor 538 supporting Hyper-Threading Technology
- 512MB of Main Memory

Great Features
- 80GB[1] hard disk drive
- DVD-SuperMulti
- 15.4" widescreen WXGA TFT active matrix display[2]

Get On-Line
- Integrated V.92/56K modem
- Integrated 10/100 Ethernet LAN
- Integrated Wireless LAN (802.11bg)[3]

System Characteristics

Operating System
- **Microsoft® Windows XP Professional** pre-installed **(A75-S2762)**

CPU
- Mobile Intel® Pentium® 4 Processor 538 supporting Hyper-Threading Technology
  - 3.20GHz[4], 1MB L2 cache, 533MHz FSB
- ATI® MOBILITY™ RADEON™ 9000 IGP chipset

Memory
- 512MB (1 DIMM) fixed memory slot with 1 available upgradeable slot; expandable to 1536MB
  - Data/Address Bus Width: 64bit/32bit
- Optional available expansion memory modules: 256MB/512MB/1024MB, SODIMM; Memory compatible with PC2700 DDR333

Mass Storage/Optical Drive
- **Primary Hard Disk Drive**: 80GB[1] hard disk drive, Enhanced IDE (ATA-6) interface, 4200rpm drive rotation; 9.5mm height, Service Removable
- **DVD-SuperMulti Drive**: Enhanced IDE (ATAPI) Interface; Maximum speed: CD-ROM (24x read), CD-R(24x read/16x write), CD-RW(12x read/4x write), DVD-ROM(8x read), DVD-R (4x read/4x write), DVD-RW (4x read/2x write), DVD+R (4x read/2.4x write), DVD+RW (4x read/2.4x write), DVD-RAM (2x read/2x write); Service removable

Graphics/Video
- 15.4" widescreen TFT WXGA LCD[2], display supports up to 16M colors at 1280X800
- ATI® MOBILITY™ RADEON™ 9000 IGP with 64MB shared video memory
- DirectX8 supported by hardware and DirectX9 supported by software
- Direct 3D support and DirectVideo
- Supported external resolution/color/maximum external refresh rate:

640 x 480	16bit/32bit colors	
800 x 600	16bit/32bit colors	60/75/85/100Hz
1024 x 768	16bit/32bit colors	60/75/85/100Hz
1280 x 1024	16bit/32bit colors	60/75/85/100Hz
1600 x 1200	16bit/32bit colors	60/75/85/100Hz
1920 x 1440	16bit/32bit colors	60/75/85Hz
2048 x 1536	16bit/32bit colors	60Hz

Input Devices
- **Keyboard:** Full sized 85 keys with 12 function keys, 2.7mm key stroke, 6mm height; Dedicated Windows® keys support; HotKey function; TouchPad pointing device
- **CD Control Function:** Play/Pause, Stop/Eject, Previous, Skip/Next *(Only works when system is turned on)*

Expandability
- 1 memory slot available
- 5-in-1 media adaptor (SmartMedia, MemoryStick/ MemoryStickPro, Secure Digital, MMC, xD-picture card)
- 1 PC Card slot support 1 Type II PC Card

Communications
- Integrated V.92/56K modem; Data and fax support
  Due to FCC limitations, speeds of 53kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.
- Integrated 10/100 Ethernet LAN
- Integrated Wireless LAN (Atheros 802.11bg)[3]

Ports
- Parallel printer port
- RGB (monitor) port
- 3 Universal Serial Bus ports (USB)
- TV-Out Port (S-video)
- i.Link® port (IEEE 1394)
- RJ-45 LAN Port
- RJ-11 modem port

Physical Description
- Dimensions (LxWxH): 14.4" x 10.8" x 1.81" (2.12" with feet)
- Weight: starting at 7.98 lbs[5]
- LED Indicators: Power/Power Save Mode/ System Sleep/Suspend status, HDD, CD/DVD-ROM, DC-IN, Caps Lock, Arrow, Numeric, Main Battery Charging Status, Wireless Communication switch

Sound
- Realtek ALC250 Codec Chip; Software Sound
- Built-in stereo speakers; Sound Volume (by dial), Direct 3D Sound (supported by driver), DirectSound (supported by hardware) and DirectMusic (supported by hardware); MIDI Support; Sound Volume (by Dial); Full Duplex Support
- **Ports:** External microphone port (monaural), headphone port (stereo)

Power Supply
- **AC Adapter:** 120W external AC Adapter, 100-240V / 50-60Hz frequency (Universal) input voltage, 19V x 6.3A Output.
  Dimensions (LxWxH): 5.91" x 2.56" x 1.42"
  Weight: starting at 1.43lbs[5]
- **Battery Pack:** 12-cell, rechargeable, removable Lithium Ion (Li-Ion) battery, 14.8V x 6450mAh
- **Dimensions (LxWxH):** 10.7" x 1.04" x 2.82"
- **Weight:** starting at 1.49lbs[5]
- Battery Saver (in Windows XP): Stand by, HDD Auto Off, Display Auto Off, Throttling, Hibernation
- Battery life (main batt): Please see battery life section[6]
- Recharge time (main off/on): Approx 12H(on)/ 4H(off)

Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories that shipped with your computer or visit the Toshiba website at www.accessories.toshiba.com

Security
- Slot for computer lock, HDD (6 screws) and memory (1 screw), Battery (latch), User Power-on password, Setup Security (by help of SVPW utility), Screen Blank (by Hotkey), Screen Saver (by software)

Bios
- ACPI, PnP, VESA, DPMS, DDC, SM BIOS, PCI BIOS support

Additional Software
- Microsoft® Works
- Microsoft® Office OneNote™ 2003
- Software Decoder: InterVideo® (Win-DVD™ 5) -w/SRS TruSurround XT® Technology (SRS TruSurround XT® Technology features: TruSurround, SRS Dialog Clarity Enhancement, & TruBass)
- Sonic® Solutions Drive Letter Access (DLA)

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- Sonic® Solutions RecordNow!™ Basic
- InterVideo® WinDVD Creator 2 Platinum™
- ArcSoft ShowBiz® DVD Version 1.3
- Intuit® Quicken® New User Edition 2004
- Norton AntiVirus™ 2004 – w/3-Month Subscription
- AOL® (3 –Month offer)
  AOL OFFER DETAILS: Availability may be limited, especially during peak times. TO AVOID BEING CHARGED A MONTHLY MEMBERSHIP FEE, SIMPLY CANCEL BEFORE THE THREE-MONTH PROMOTIONAL PERIOD ENDS. Premium services carry surcharges and communication surcharges may apply, including AK, even during promotional period. Members may incur telephone charges on their phone bill, depending on their location and calling plan, even during promotional period. Available to new AOL members in the United States, age 18 or older; a major credit card or checking account is required.
- Adobe® Acrobat Reader
- AT&T® Worldnet® Service – 1 Month FREE
  Telephone access and other charges and other terms and conditions may apply. Offer available to new customers only.
- QuickTime™ Player
- RealOne™ Player 8 Basic
- Microsoft® Internet Explorer
- Napster® music software

TOSHIBA Software

- TOSHIBA Notebook Maximizer
- TOSHIBA Speech System
- TOSHIBA ConfigFree™
- TOSHIBA Custom Utilities
- TOSHIBA Touch and Launch

Warranty

- 1 year parts, labor and battery limited warranty

SelectServ® Warranty Programs

Selected Toshiba Services Warranty Upgrades and Extensions*

- 2nd/3rd Year Warranty Extension SWP-PEQQ3V
- 3 Year SystemGuard + Warranty Extension SWP-PEGQ3V
- 3 Year At-Home Repair + Warranty Extension SWP-PEQH3V
- 3 Year ServiceExpress + Warranty Extension SWP-PEQP3V
- 3 Year Business On-Site Repair + Warranty Extension SWP-PEQN3V

* Additional programs are available. Visit www.extendedwarranty.toshiba.com for more information

Environmental Specifications

- **Temperature:** Operating: 5° to 30°C (41° to 86°F); Non-operating: -20° to 65°C (-4° to 149°F)
- **Thermal gradient:** Operating: 15°C per hour maximum; Non-operating: 20°C per hour maximum
- **Relative Humidity:** Operating: 20% to 80%; Non-operating: 10% to 95%
- **Altitude (relative to sea level):** Operating: -60 to 3,000 meters; Non-operating: -60 to 10,000 meters
- **Shock:** Operating: 10G; Non-operating: 60G
- **Vibration:** Operating: 0.5G; Non-operating: 1.0G

Selected Accessories

Category	Part Number	Description
AC adapter	PA3290U-2ACA	Toshiba 120W Global AC Adapter (smaller tip)
Primary Battery	PA3383U-1BRS	Toshiba Li ION Battery (12 cell)
FDD	PA3109U-1FDD	Toshiba USB FDD Kit
Input	PA1336U-1NKB	Toshiba USB Keyboard
Input	PA1337U-1NMS	Toshiba USB Optical Mouse
Memory	KTT3311/256	Kingston 256MB Memory
Memory	KTT3311/512	Kingston 512MB Memory
Memory	KTT3311/1G	Kingston 1GB Memory
Cases	PA1335U-1NCS	Toshiba Ambassador Leather Case
Cases	NWCER2	Excursion Roller 16"
Cases	PA1362U-1NCS	Toshiba BackPack
Cases	PA1360U-1NCS	Toshiba Nylon Case
Cases	PA1361U-1NCS	Toshiba Executive Leather Case
Security	NWDEFCL	Targus-Noteworthy DEFCON CL Cable Lock
Storage & Back-up	HDD1232CZP41002	Toshiba 5GB Type II PC Card HDD w/Back-up software
Storage & Back-up	ABSPLUS-60.0	CMS ABSplus 60GB PCMCIA Automatic Backup System
Storage & Back-up	ABSPLUS-80.0	CMS ABSplus 80GB PCMCIA Automatic Backup System
Storage & Back-up	UABS2-60.0	CMS ABSplus 60GB USB 2.0 Automatic Backup System
Storage & Back-up	UABS2-80.0	CMS ABSplus 80GB USB 2.0 Automatic Backup System

Go to www.accessories.toshiba.com for additional, available accessories

[1]Hard Drive Capacity. 1 Gigabyte (GB) means 1000 x 1000 x 1000 = 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1024 x 1024 x 1024 = 1,073,741,824 bytes, and therefore may show less storage capacity. Available storage capacity will also be less if the product includes one or more pre-installed operating systems, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

[2]TFT Disclaimer. Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology.
Over a period of time, and depending on the usage of the computer, the brightness of the LCD Screen will deteriorate. This is an intrinsic characteristic of LCD technology.

[3]The transmission speed over the wireless LAN and the distance over which wireless LAN can reach may vary depending on surrounding electromagnetic environment, obstacles, access point design and configuration, and client design and software/hardware configurations. The actual transmission speed will be lower than the theoretical maximum speed.

[4]Central Processing Unit ("CPU") Performance Disclaimer: CPU performance in your computer product may vary from specifications under the following conditions:

1. use of certain external peripheral products
2. use of battery power instead of AC power
3. use of certain multimedia, computer generated graphics or video applications
4. use of standard telephone lines or low speed network connections
5. use of complex modeling software, such as high end computer aided design applications
6. use of several applications or functionalities simultaneously
7. use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
8. use of computer at temperatures outside the range of 5°C to 30°C (41°F to 86° F) or >25°C (77°F) at high altitude (all temperature references are approximate and may vary depending on the specific computer model – please refer to your Resource Guide or visit the Toshiba website at www.pcsupport.toshiba.com for details).

CPU performance may also vary from specifications due to design configuration.

Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

[5]Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.

[6]Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba web site at accessoryfinder.toshiba.com.

Return Policy

Notwithstanding anything to the contrary in any third party License Agreement or product documentation supplied with your PC, Toshiba America Information Systems, Inc. ("TAIS") does not accept the return of component parts, or bundled software, that have been removed from the

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PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

Subject to Change

While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice. For the most up-to-date product information about your computer, or to stay current with the various computer software or hardware options, visit Toshiba's Web site at pcsupport.toshiba.com.

Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your select model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis, unless you have selected all those features.

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*****Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba web site at accessoryfinder.toshiba.com.

Business Winstone® 2002 BatteryMark™ Version 1.0

These models achieved the battery life times shown using Ziff Davis Media Inc.'s Business Winstone® 2002 BatteryMark™ Version 1.0. These tests were performed without independent verification by the VeriTest testing division of Lionbridge Technologies, Inc. ("VeriTest"). Neither Ziff Davis Media Inc. nor VeriTest makes any representations or warranties as to the results of the tests. Winstone® is a registered trademark and BatteryMark™ is a trademark of Ziff Davis Publishing Holdings Inc. in the U.S. and other countries. Copyright 2002 Ziff Davis Media Inc. All Rights Reserved. All products used in the tests were shipping versions available to the general public. The battery life results were achieved running the Business Winstone® 2002 BatteryMark™ Version 1.0 on the following system parameters. System parameters were set according to Ziff Davis Media Inc.'s recommendations.

	Battery Life	Catalog Spec (1st) (1st+2nd)	2H	2H
		Number of Conditioning Phase	1	1
		Life Test Run	3	3
A	CPU Name	Mobile Intel® Pentium® 4 processor 518 with HT Technology	Mobile Intel® Pentium® 4 processor 538 with HT Technology	
	Processor info	speed	2.8GHz	3.2GHz
		number of processors	1	1
	amount of RAM	512MB	512MB	
	Amount of secondary RAM cache	1MB	1MB	
B	Battery	type(1st)	Li-Ion	Li-Ion
		model number(1st)	PA3383U-1BRS/BAS	PA3383U-1BRS/BAS
		type(2nd)	-	-
			-	-
		model number(2nd)	-	-
		number of batteries	1	1
C	Graphics	ATI MOBILITY™ RADEON™ 9000 IGP (internal GFX)	ATI MOBILITY™ RADEON™ 9000 IGP (internal GFX)	
	amount and type of RAM	UMA	UMA	
	graphics driver name and version	V8.01	V8.01	
	graphics resolution and color depth, refresh rate	1280x800, 32bit, 60Hz	1280x800, 32bit, 60Hz	
D	hard disk capacity	60G (4200rpm)	80G (4200rpm)	
	hard disk file system & transfer mode	Enhanced IDE(ATA-6)	Enhanced IDE(ATA-6)	
	hard disk controller model	ATI IXP150	ATI IXP150	
	size of hardware cache if any	-	-	
E	operating system version, service pack	Windows XP Professional Service Pack 1	Windows XP Professional Service Pack 1	
	other special conditions	N/A	N/A	
F	BIOS version	1.00	1.00	
	Power management setting	see another sheet	see another sheet	

			Business Winstone 2002 BatteryMark Version 1.0
			Model#1-2
Power Save Mode	Cooling Method		MaximumPerformance
	Intel SpeedStep(R) Technology		-
	Processor speed	100%-75%	Low
		74%-50%	Low
		49%-25%	Low
		24%-0%	Low
	Monitor brightness (* See Notes)	100%-75%	Mid2
		74%-50%	Mid2
		49%-25%	Mid2
		24%-0%	Mid2
	Turn off monitor	100%-75%	NEVER
		74%-50%	NEVER
		49%-25%	NEVER
		24%-0%	NEVER
	Turn off hard disks	100%-75%	3min
		74%-50%	3min
		49%-25%	3min
		24%-0%	3min
	System standby	100%-75%	NEVER
		74%-50%	NEVER
		49%-25%	NEVER
		24%-0%	NEVER
	System Hibernate	100%-75%	NEVER
		74%-50%	NEVER
		49%-25%	NEVER
		24%-0%	NEVER
System Power Mode	When I press the power button		Power off
	When I close the lid		Hibernate
	Prompt for password when computer goes off Standby or Hibernation		Off

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Alarm	Activate low battery alarm when power level reaches		Off
	Low Battrey Alarm Action	Sound alarm	Off
		Display message	Off
		When the alarm goes off,the computer will:	Off
		When the alarm occurs, run this program:	Off
	Activate critical battery alarm when power level reaches		Off
	Critical Battrey Alarm Action	Sound alarm	Off
		Display message	Off
		When the alarm goes off,the computer will:	Off
		When the alarm occurs, run this program:	Off
Hibernate	Enable Hibernate Support		On
SoundMAX Audio Power Management	Power Mode		-
	Timer Setting	Instant Power Save	-
		Power Save Delay	-
	Internal Speakers	Power Down	-
NVIDIA GeForce4 420 Go	Display Properties - Setting-Advanced - nView - *** Go - PowerMizer		-

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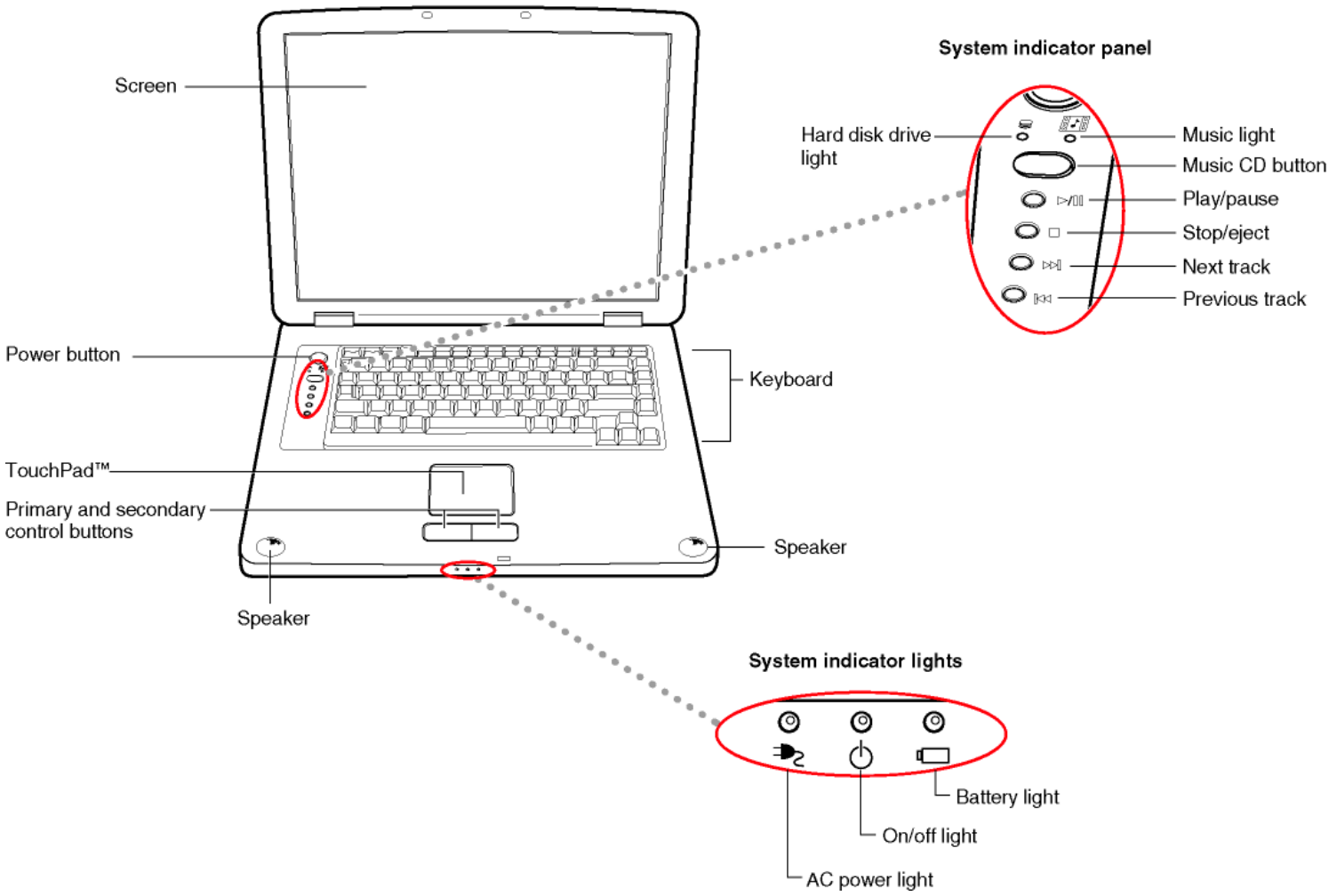
Front with display open



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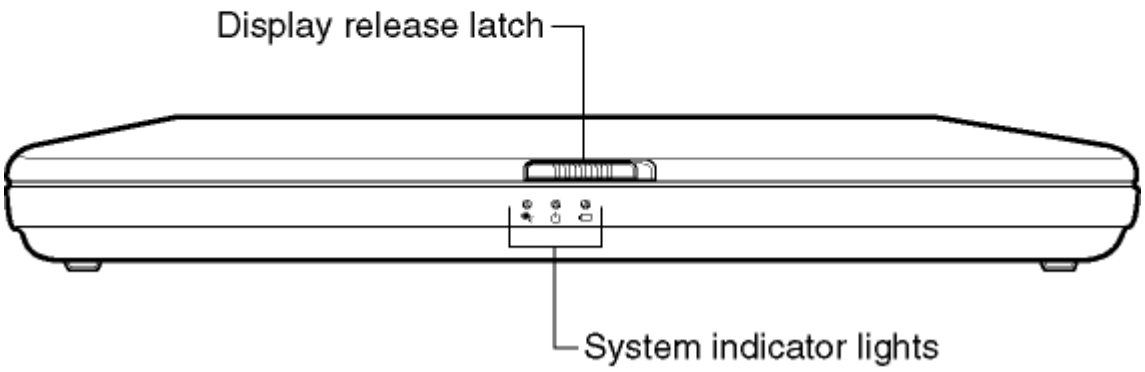
Front with display closed



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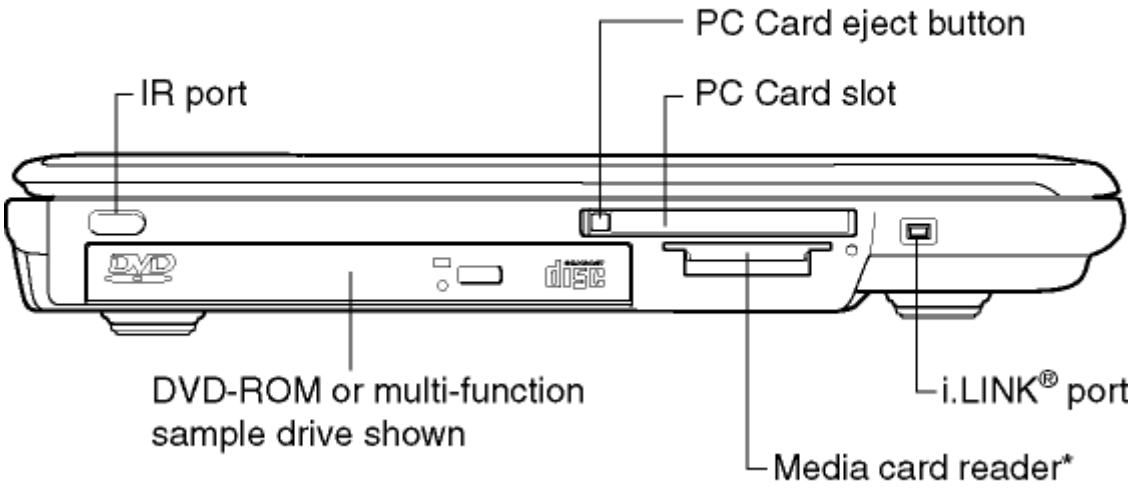
Left side



*Only on selected models.

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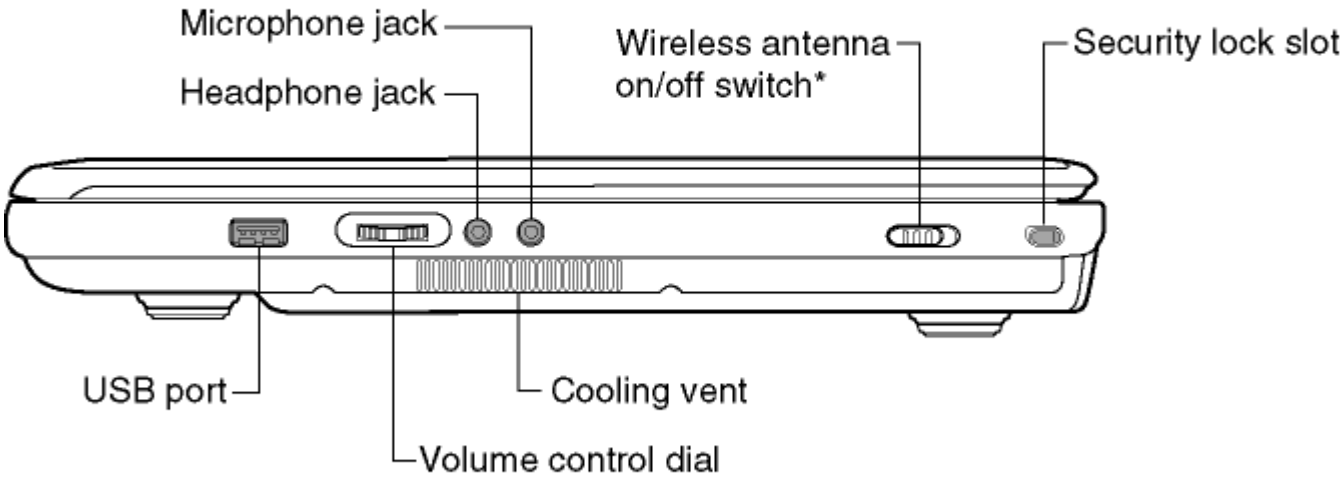
Right side



*Functional only on systems with wireless module installed.

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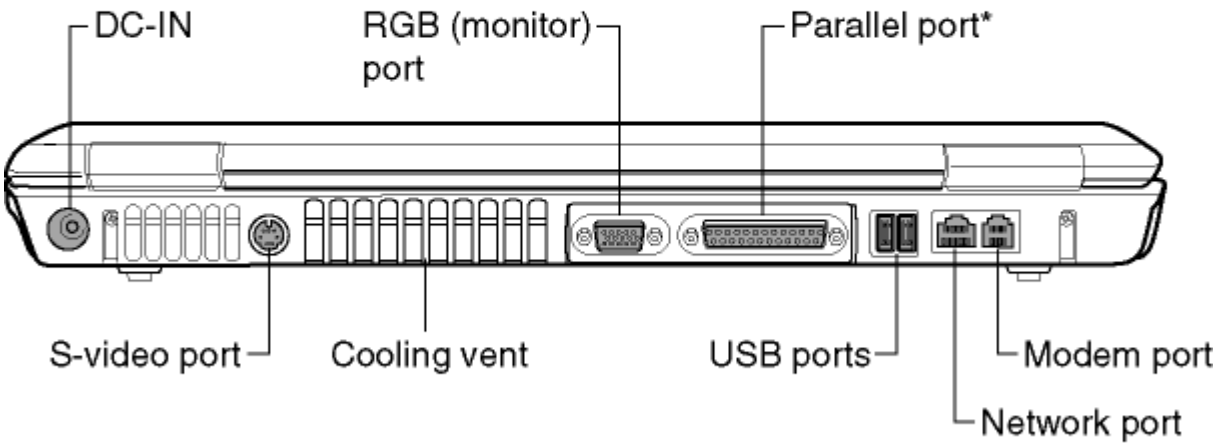
Back



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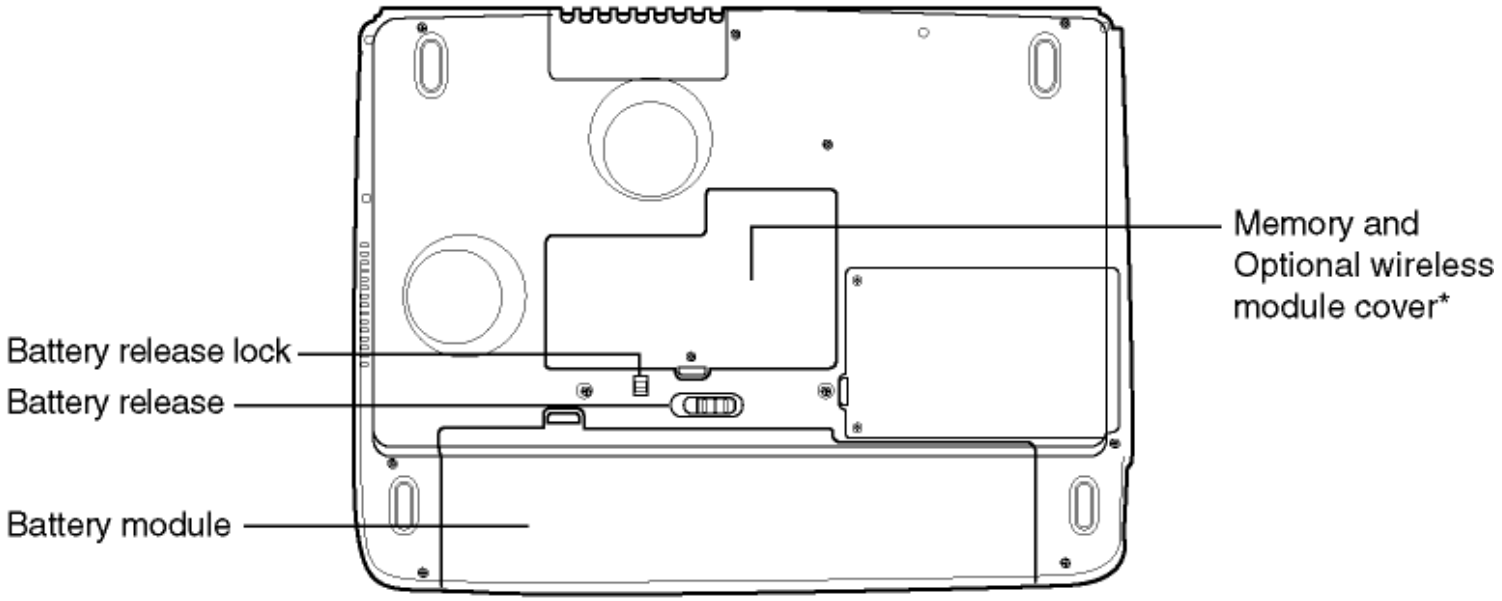
Underside



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